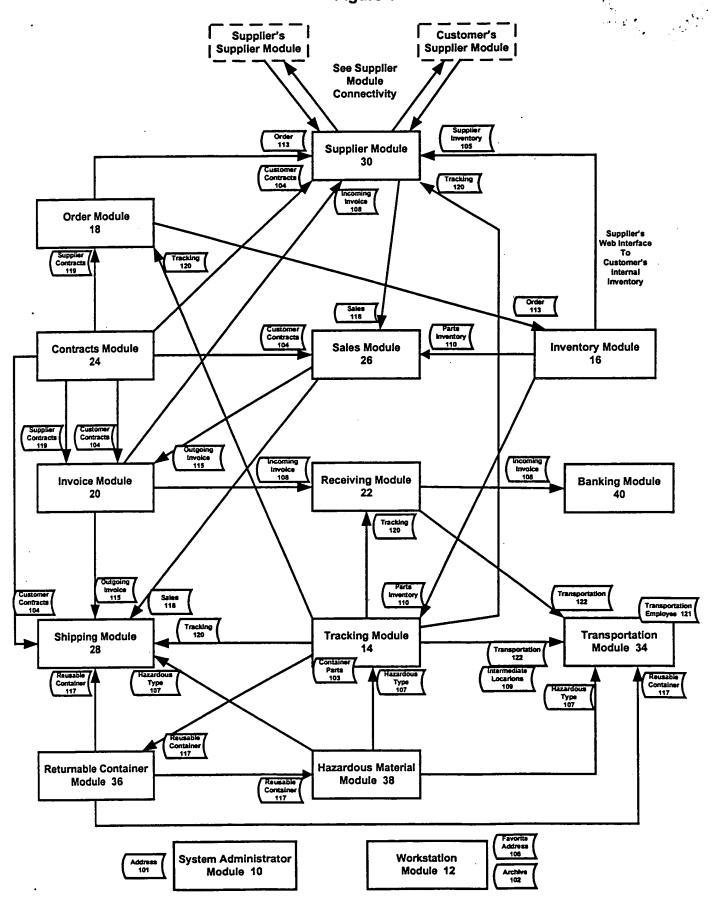
# TESS Module Connectivity Figure 1

\* .}-



EXIT

#### Figure 2A Command Command Command "Update Favorite "Archive Tags" "Select Reports" Address Table" System archive Tracking Open the Favorite **Open the Select** Reports Screen Tags to the Archive Table **Address Screen** per the archive data System deletes old Selects and Select new prints desired Tracking Tags from the Address Name(s) reports and Archive Table per the to add or edit archive data closes screen

**EXIT** 

**EXIT** 

**Workstation Module** 

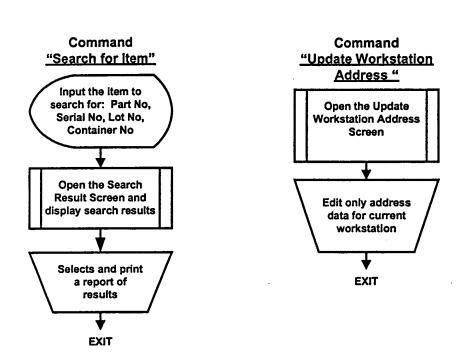
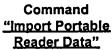
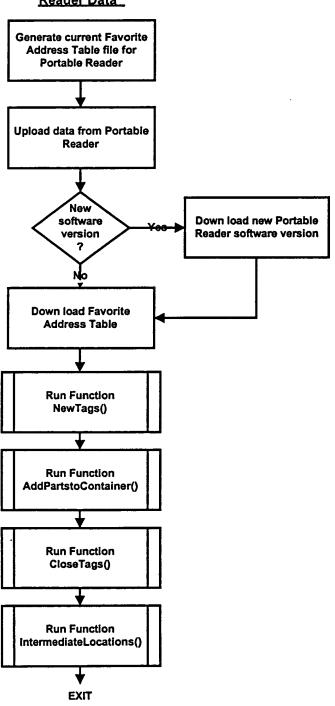


Figure 2B

Workstation Module, cont. Page 2/3

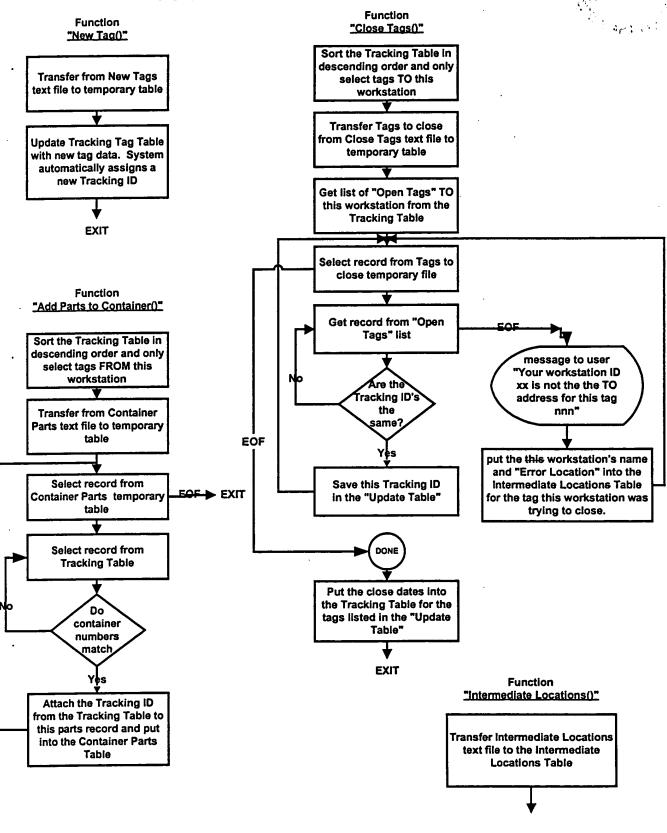




TOYUY TOTATION

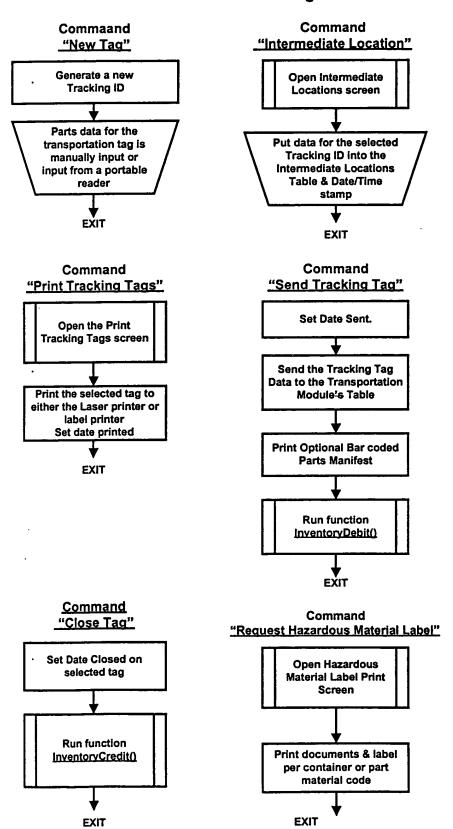
Figure 2C

#### **Portable Reader Functions**



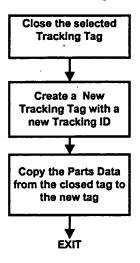
### **Tracking Module**

Figure 3



#### Command "Forward Tag"

<sup>1</sup>Page 1 / 1



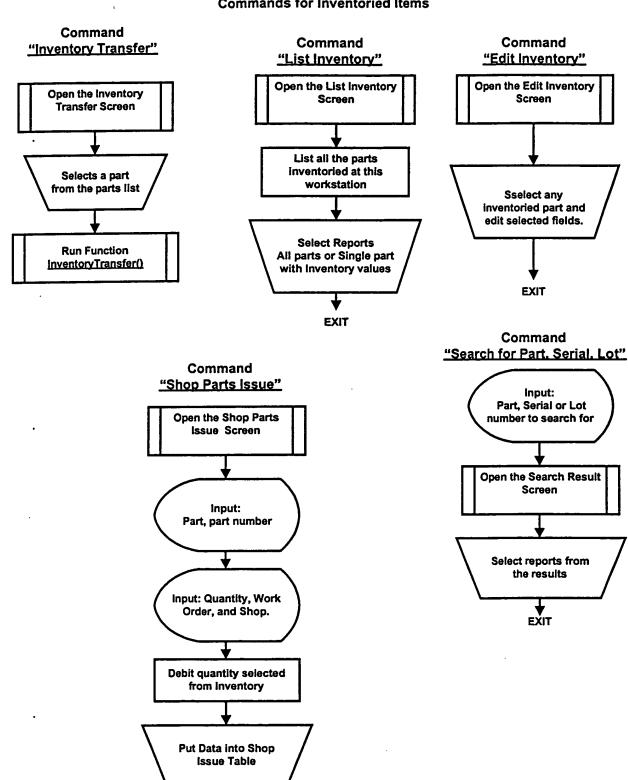
Asset Tracki	Asset Tracking Solutions										
TO: PCA2											
SEA bldg 2											
D3	COLM										
NAME: Jack Poor PHONE: 206-123-4567											
(T) 48											
Container: TUE98	5/15/01 4:25 PM										
Pet No: part123 Order Ret OR9876 Serial NO:	GIV: 1 Boxes 1										
FROM: PCA1											
NAME: Ken Rrich PHONE: 425-123-4587	Dovice										

FIG. 4

#### **Inventory Module** Figure 5A

#### **Commands for Inventoried Items**

Page 1 / 9



EXIT

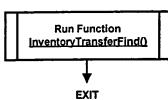
Figure 5B

Inventory Module, cont Page 2 / 9

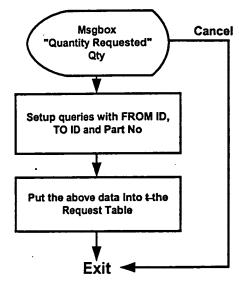
Timed Event

"Check For Inventory

<u>Transfer"</u>



Function: "InventroyTransfer()"



#### Function InventoryTransferFind()

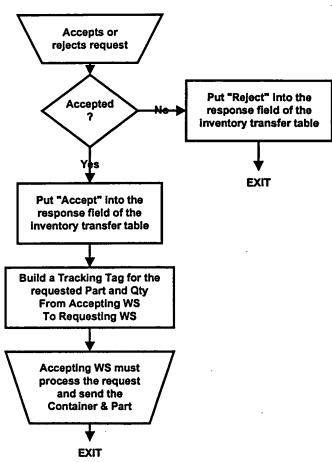
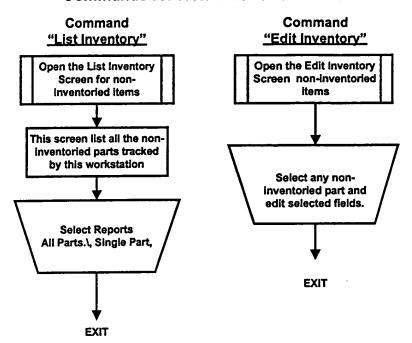


Figure 5C

Inventory Module, cont Page 3 / 9,

#### **Commands for Non-Inventoried items**

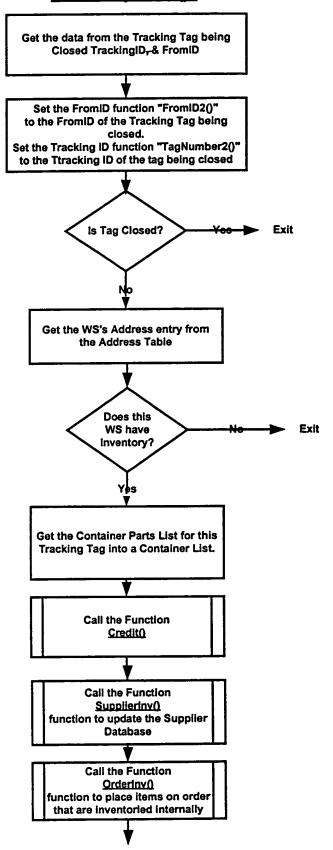




## Function: "InventoryCredit()"

Inventory Module, cont Page 4 / 9

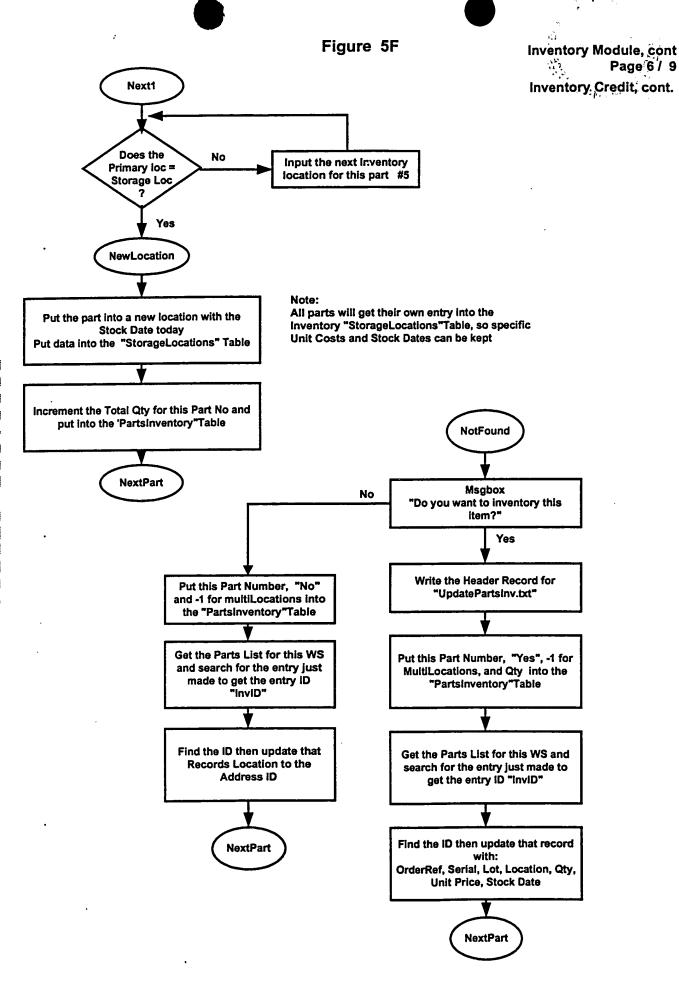
**Inventory Credit** 



Exit

Inventory Module, cont Figure 5E **Function:** Inventory Credit, Cont. "Credit()" Open file ContainerParts.txt **DoneCredit** Exit as file #4 Close file WSInventory.txt **Nextpart** file #5 Input a record from "ContainerParts.txt" Container empty Get the inventory for this part and **NextInvPart** WS and put into the file **NotFound** Page 4 "WSInventory.txt" Open this file as #5 Input a record from Not "WSInventory.txt" Found Doses the PN from ContainerParts" = the PN from "WSInventory Yes Is this **NextPart** Part inventoried Yes Is this InputBox Yes Part stored in multi locations "Get the location from the user No Set the Prim location for this part # = Bin Loc Next1

Page 5 / 9



NextPart

YesSL

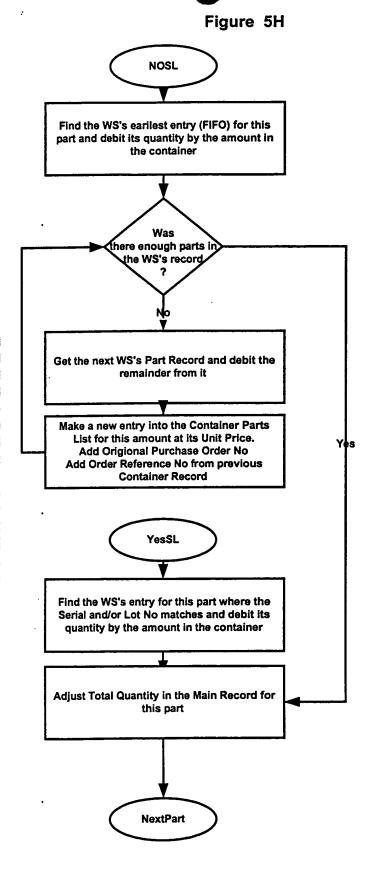
Serial or Lot

number on container part

Figure 5G Inventory Module, cont Page 71 9 **Function: Inventory Debit** "InventoryDebit ()" Get the data from the Transportation Tag being sent TrackingID, & FromID Set the FromID function "FromID2()" to the FromID of the tag being sent Set the Tracking ID function "TagNumber2()" to the Tracking ID of the tag being sent is Tag Closed? Exit Get the WS's Address entry from the Address Table Does this WS have No Inventory? Get the Container Parts List for this Tracking Tag into a Container List. Input a Parts Record from the Container List. Call the Function SupplierInv() function to update the Supplier Database Empty Container No **Call the Function** Orderiny() Get the Workstation's inventory for function to place items on order this part that are inventoried internally

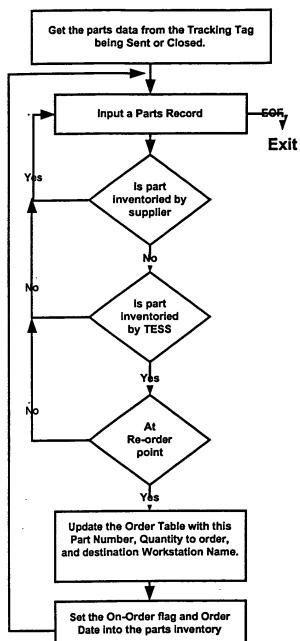
Exit

NoSL ·

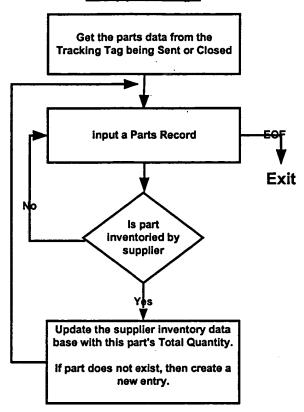


Inventory Module, cont Page 8 / 9 Inventory Debit, cont.

# Function: "OrderInventory ()"



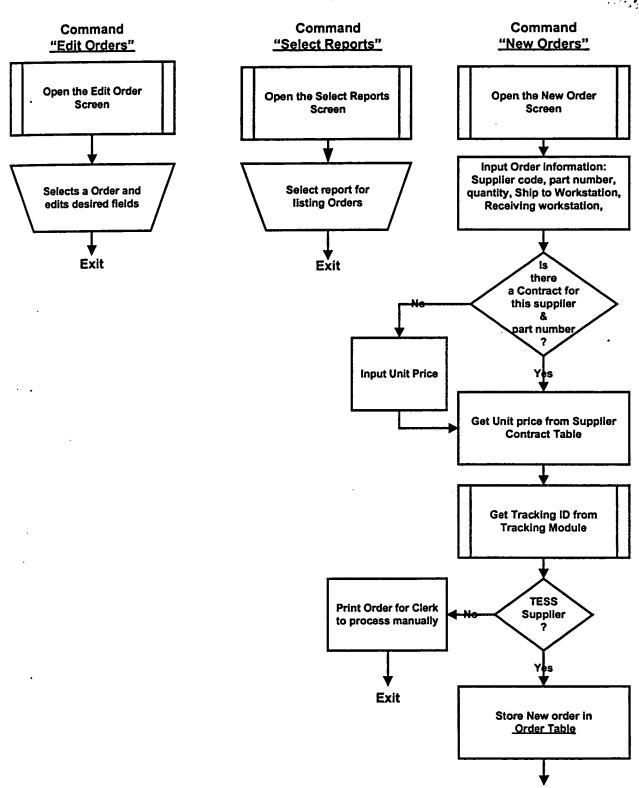
## Function: "SupplierInv()"



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## **Order Module**

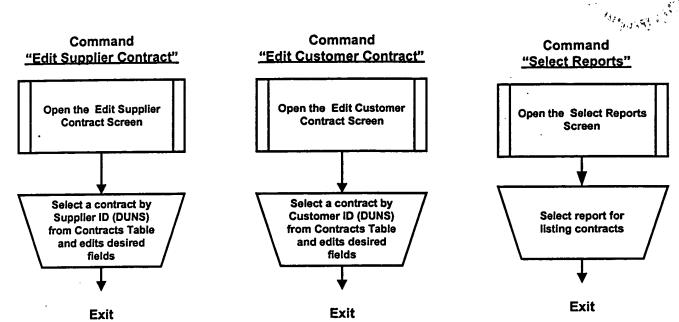
Figure 6



Exit

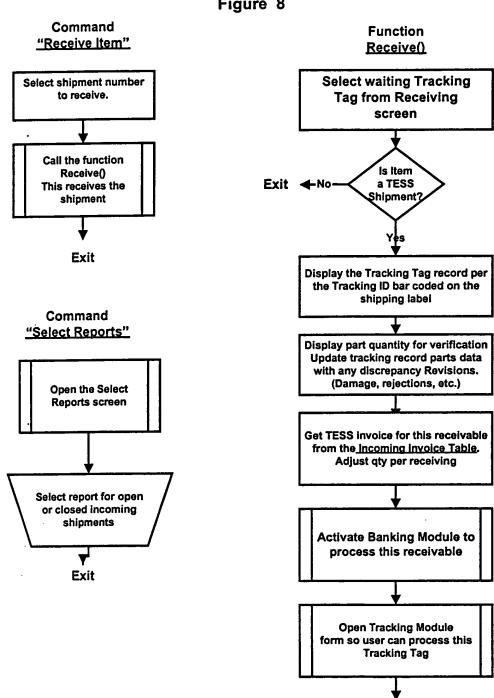
#### **Contracts Module**

Figure 7



## **Receiving Module**

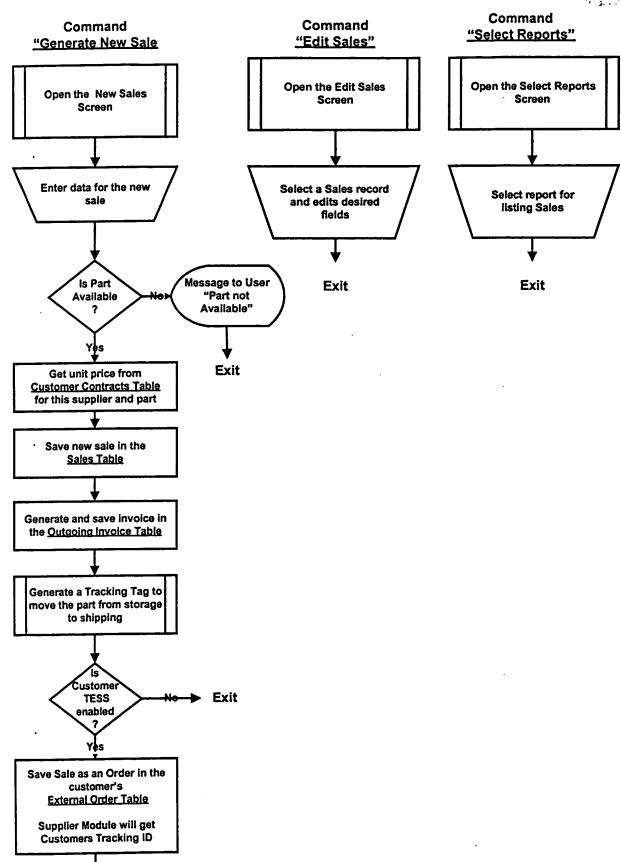
Figure 8



**Exit** 

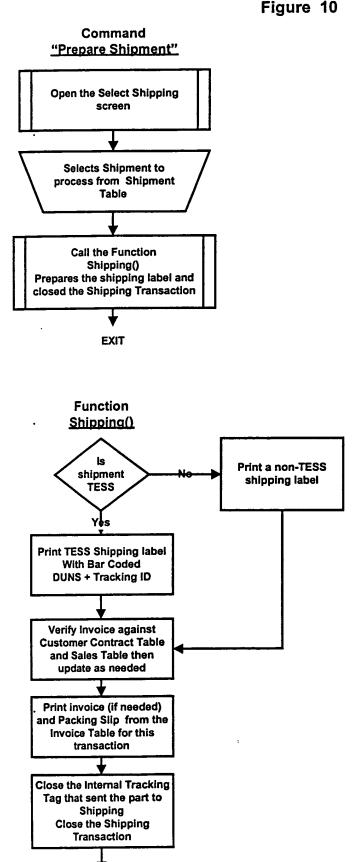
#### **Sales Module**

Figure 9



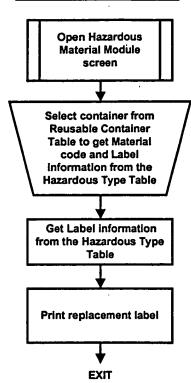
## **Shipping Module**

Figure 10



**EXIT** 

#### Command "Request Hazardous **Material Container Label"**



FROM: ABCDE SUPPLY COMPANY

123 N MAIN STREET SOMEWHERE, XX 00000

TO: ABC MANUFACTURING CO

**1234 MAIN STREET** 

BLDG 20-004 DOOR 100 COL A10

**SEATTLE, WA 98124-2207** 

USA ATTENTION JOHN DOE

(J) LICENSE PLATE #

UN123456789012ABCD12340



PART #: 123456789012345678901234

COMPANY DUNS: 123456789 TRACKING ID: 9876543

TO ADDRESS ID: PARTS STORE 24

ORDER #: 123456789 QUANTITY SHIPPED: 1000

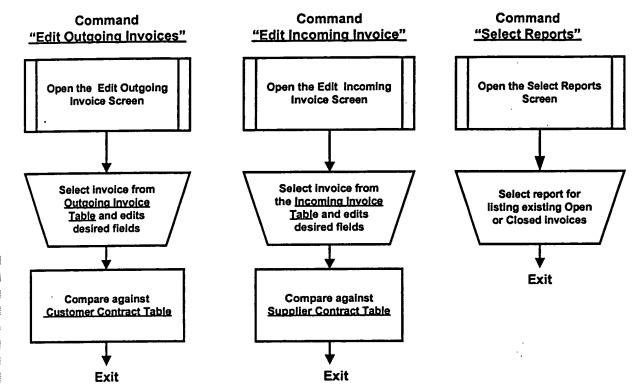
DATE SHIPPED: 05/12/2001 BOXES: N OF X

PKG WEIGHT: 28 LBS

FIG. 11

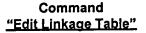
### **Invoice Module**

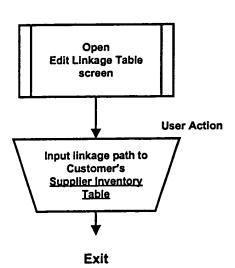
Figure 12



## Supplier Module

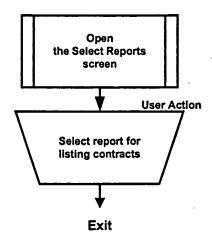
Figure 13A



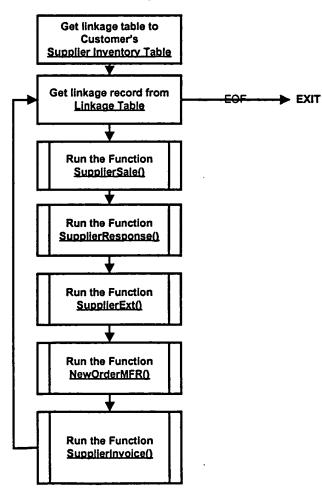


Command "Select Reports"

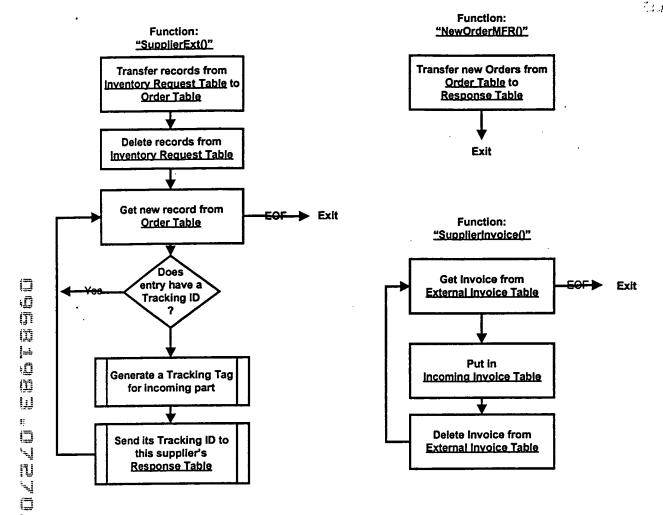
Page 1 / 3



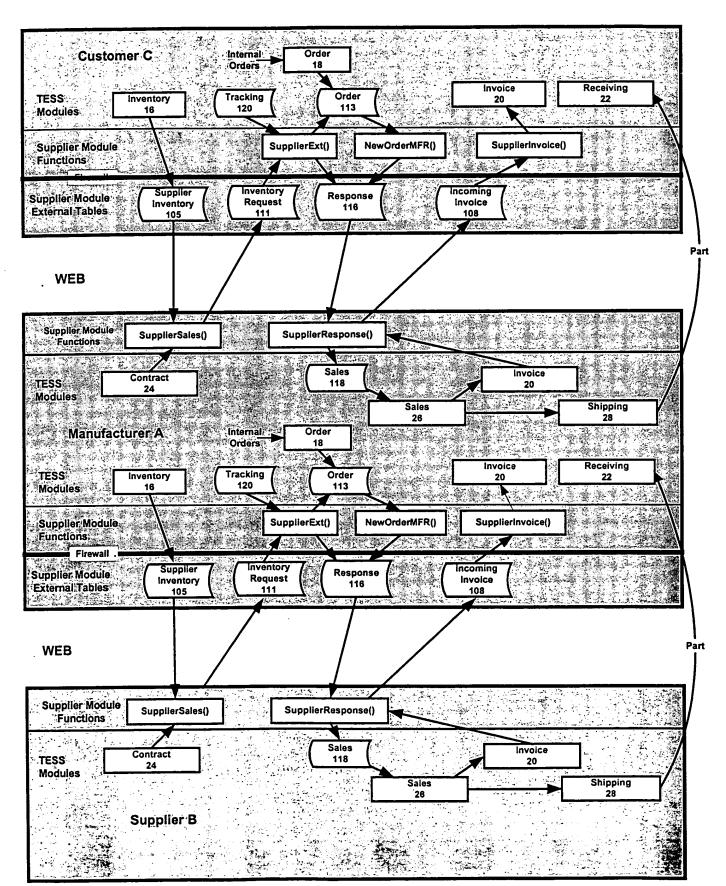
Timed Event "Check Inventory"



Supplier Module, cont. Page 2/3 **Supplier Module Functions** Figure 13B Function: Function: "SupplierSale()" "SupplierResponse()" Get record from EXIT **∢EOF Get Inventory Record** EOF - EXIT Customers Response Table Is part Put into local already on Sales Table order Get any new invoices from the Invoice Module's At min Invoice table and send balance them to the Customers Incoming Invoice Table Get Unit Price and Re-Delete this record from the order Quantity from Response Table **Customers Contract Table** Set <u>On Order</u> flag in Suppliers Inventory Table for this part Send entry to the Inventory Request Table

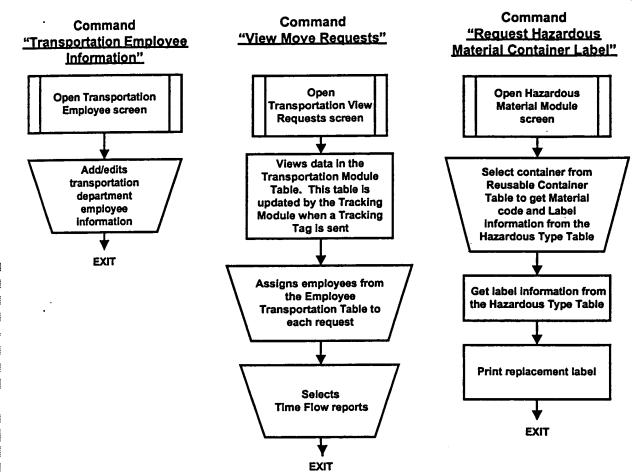


# Supplier Module Connectivity Figure 14



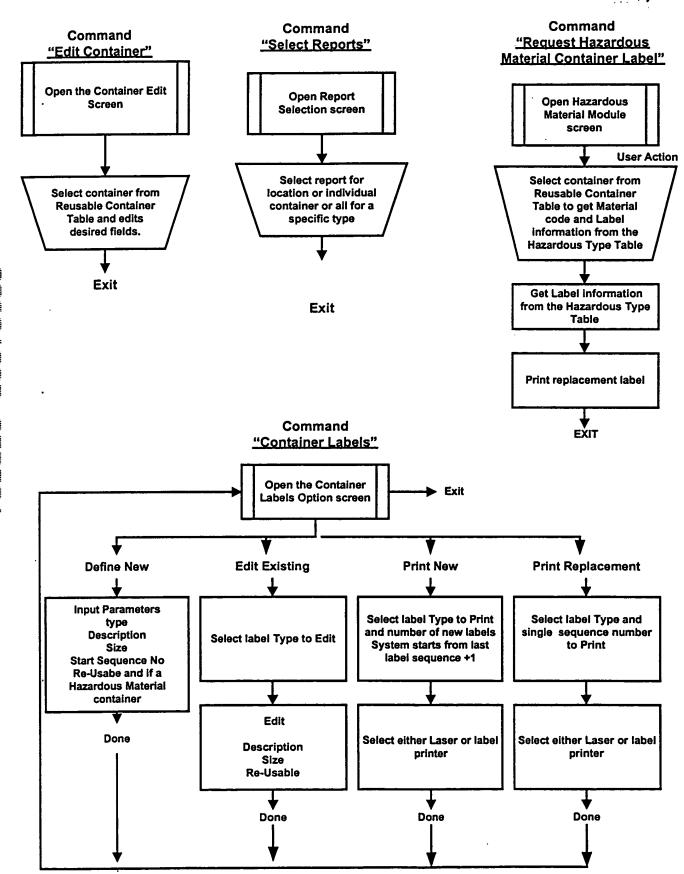
## **Transportation Module**

Figure 15



#### **Reusable Container Module**

Figure 16







**PALA194** 

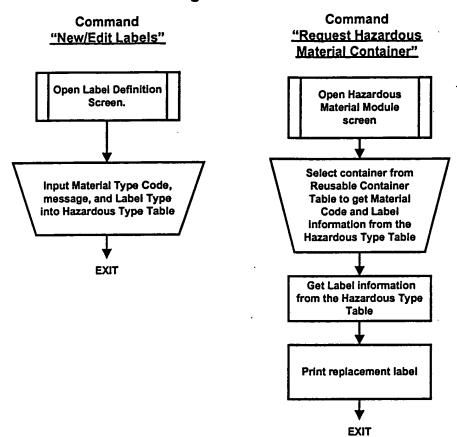
ORBIS STACKPAK SYS (NO DRAIN)

48 X 45

FIG. 17

### **Hazardous Material Module**

Figure 18



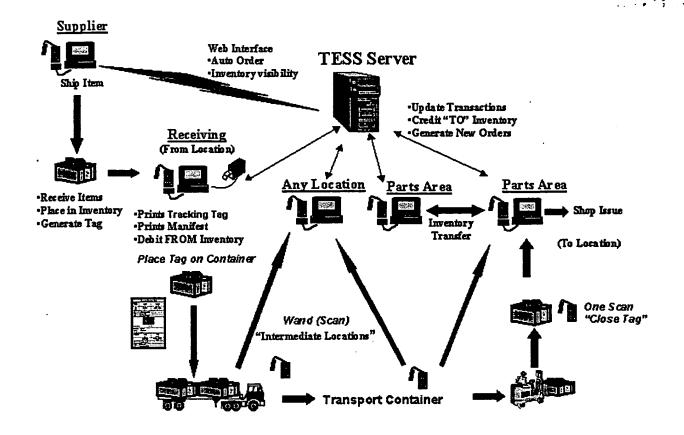


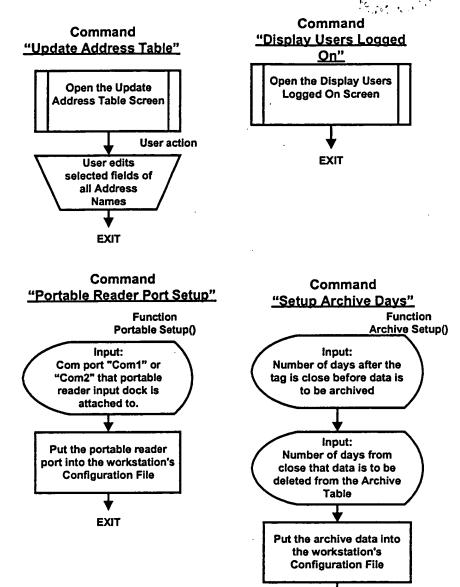
FIG. 19

### Figure 20 Workstation Access

W Type	System Administrator	Workstation	Tracking	Inventory	Shipping	Receiving	Invoice	Contracts	Order	Sales	Banking	Supplier	Transportation	Hazardous Material	Returnable Container
System Administrator	X														
Normal		X	X	X									X	X	X
Transportation		X	X									-	X	X	X
Order		X		X		X	X	X	X			X			
Sales		X		X	X		X	X		X		X			
Shipping & Receiving  Banking		X	X						X	X		ĺ	X	X	X
Banking							X		X	X	Х				
Supplier				X			X	X	X	X		X			

# System Administrator Module Figure 21A

#### Command "Change Workstation Address Name" Open the Change Address Name Screen Select the new Address Name Refresh screen so Users Log-on Table contains the new Address Name **Function** NewAddress() Put the new Address Name into the workstation's Configuration File Setup the AddressID2() function so all screens and queries now point to the data for this new Address Name **EXIT** Command "Install Label Printer" **Function** lewPrinter() Input: The Printer Name Z140 or Z170



**EXIT** 

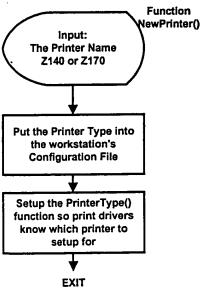
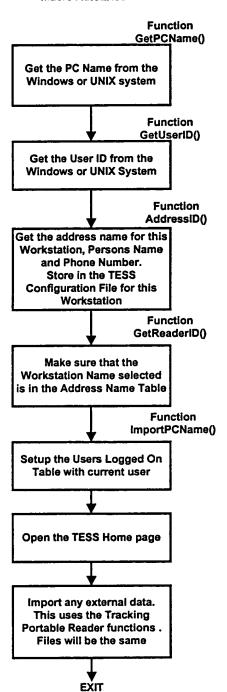




Figure 21B

#### Function: Logon() macro AutoEXec



## Figure 22 Module and Table Linkage

Sompow Tables	System Administrator	Workstation	Tracking	Inventory	Shipping	Invoice	Contracts	Order	Sales	Receiving	Banking	Supplier	Transportation	Hazardous Material	Returnable Container
Address	P	S	S	S	S	S	S	S	S	S		S	S		
Tracking			P	·	S			S		S		S	S		S
Inventory			S	P					S			S			
Container Parts			P		S			S		S		S	S		S
Incoming Invoice						P				S	S	S			
Outgoing invoice Customer Contracts Supplier Contracts Order					S	P									
Customer Contracts					S	S	P		S			S	S		
Supplier Contracts			-			S	P	S							
Order				S				P				S			
Sales					S	S			P						
Transportation			S							S			p	S	S
Hazardous Type			S		S								S	P	
Hazardous Type Reusable Container Supplier Inventory					S								· · · ·	S	P
Supplier Inventory				S								P			
External Order			S				S	S				P			
Response			S					S	S			P			

P = primary responsibility, S = shared with